

LAMILUX Continuous Rooflight B: Four new certifications

## **Particular resistance to extreme weather conditions**

**The LAMILUX Continuous Rooflight B has proven itself for decades on the roofs of industrial buildings. It not only provides employees with daylight and fresh air, but also reliably withstands extreme weather events. The LAMILUX Continuous Rooflight B has now received four new certifications in the areas of energy efficiency, stability and smoke and heat extraction (SHEV).**

Some time ago, the Institute for Industrial Aerodynamics Aachen (IFI) certified the LAMILUX Continuous Rooflight B as the first continuous rooflight in the world to be watertight in heavy rain and storms. Further certifications are now following with regard to extreme weather events. But that's not all: 20 years ago, the Continuous Rooflight B from LAMILUX was the first thermally separated continuous rooflight on the market. With certified airtightness, LAMILUX is now also taking the next step towards energy efficiency.

### **New certifications in the areas of stability, energy efficiency and SHEV**

In the course of climate change, extreme weather events are becoming increasingly frequent and also more devastating. The LAMILUX

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Continuous Rooflight B has therefore been specially tested for its resistance to extreme weather events and has received new, important certifications in the area "stability". The rated snow load of up to 4.4 kN/m<sup>2</sup> (according to Eurocode) is outstanding, meaning that the LAMILUX Continuous Rooflight B can bear 440 kilograms of snow per square metre, which is particularly important for buildings in high snow load zones. In addition, thanks to its GFUP glazing (composite material made of glass fibres and polyester resin), the LAMILUX Continuous Rooflight B achieves hail resistance class HW5 according to the VKF guideline and can therefore withstand hailstones with a diameter of up to 5 centimetres.

In the area "energy efficiency", the LAMILUX Continuous Rooflight B is the first continuous rooflight on the market with tested airtightness up to class A in accordance with ETA 09/0347, meaning that the LAMILUX Continuous Rooflight B also fulfils the highest requirements possible. The airtightness reduces unwanted air exchange due to pressure differences between the outside and inside of the building. This provides reliable protection against heat loss and heating costs can be saved.

The LAMILUX Continuous Rooflight B has also received a new certification in the category "SHEV". The SHEV and ventilation drive, which can be integrated into the continuous rooflight, is now also available as a 48 volt motor, which expands the existing portfolio.

### **The LAMILUX Continuous Rooflight B**

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The LAMILUX Continuous Rooflight B is a groundbreaking skylight in terms of energy and statics. It is an arched, module-based continuous rooflight system with an optimised energy balance thanks to its seamless thermal separation. Due to the large optional ventilation and smoke and heat extraction vents that can be integrated into the continuous rooflight, optimum solutions for smoke extraction and ventilation can be found for almost every building application. The LAMILUX Continuous Rooflight B is optimally suited for large-area illumination of halls with daylight and for use as a large-area heat extraction system with the melt-out glazing variants in case of fire. The standard version of the system is optimised for use as a cost-effective solution in industrial halls and warehouses, but also can be manufactured for installation in sports halls and retail outlets, by using glazing with improved thermal insulation properties.

### **LAMILUX Heinrich Strunz Group, Rehau**

Continuous rooflights, glass roofs or rooflights: the LAMILUX Heinrich Strunz Group is one of the leading manufacturers of skylights in Europe. The skylights ensure efficient use of natural daylight in a wide variety of buildings. In addition, special smoke and heat extraction systems provide safety in case of fire and are therefore essential components of fire protection concepts. LAMILUX is also known for its solutions for object smoke extraction. Furthermore, the medium-sized family business founded in 1909 is one of the world's largest producers of carbon and glass fibre reinforced plastics. These composite materials provide stability, lightweight construction and impact resistance for instance in roof, wall and floor linings in commercial vehicles. LAMILUX strives to be the innovation

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and performance leader in all areas relevant to its customers. The family-owned company, based in Rehau, Germany, is managed by Johanna and Dr. Alexander Strunz in the fourth generation, currently employs around 1,300 people, and in 2023 generated sales of around 354 million euros.

[www.lamilux.com](http://www.lamilux.com)

### Image description



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